

SIMULATOR ANALYSIS

THE ATC-610...A GIANT LEAP FORWARD

vs. "BRAND X"

BENEFITS	ATC-610J	"BRAND X"
1) Experienced Supplier	3,000 Plus-Delivered	300 Delivered
2) Realism of IFR Flight Planning & Execution	Very Real	Limited Realism
3) Instrument Approaches that can be flown realistically	Every Known Approach	Limited to simplified approaches w/o unrealistic reprogramming
4) Complex Aircraft Controls: Throttle, Prop & Mixture	Yes	No
5) Manifold Pressure & RPM Indicators	Yes	No
6) Fuel Management Training (Remembers Fuel Used)	Yes	No
7) Wind (Vel. & Dir.) Problems	0-50 Knots of Wind from every 30° (12)	Only 3: 1) W @ 15 2) S @ 10 3) E @ 25
8) Turbulence	5 Levels	3 Levels
9) VOR's Selectable on a given "Flight" without Reprogramming	6	1
10) ADF's Selectable on a given "Flight" without Reprogramming	over 200	1
11) ILS's Selectable on a given "Flight" without Reprogramming	All available	1
12) P-factor	Yes	No
13) Approach Verification for Remote ADF & VOR Approaches	Yes	?
14) Hold at Intersection	Yes	No
15) DME ARC to LOM followed by ILS Approach	Yes	No
16) True Position-Based Simulation of the Enroute Chart	Yes	No
17) File a full IFR Flight and execute it using approach plates and Enroute Charts w/o unrealistic reprogramming during flight	Yes	No
18) Position Verification using VOR's, ADF's and/or DME (Cross check)	Yes	No
19) Navigation	Yes	No
20) Fly any Clearance	Yes	No

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HARDWARE FEATURES	ATC610J	"BRAND X"
Attitude Indicator	X	X
Directional Gyro	X	X
Sensitive Altimeter (Kollsman Window)	X	X
Vertical Speed Indicator	X	X
Airspeed Indicator	X	X
Turn & Slip Indicator	X	X
Magnetic Compass	X	X
Stall Indicator	X	X
Clock	X	X
Manifold Pressure Ind.	X	-
R.P.M. Indicator	X	-
Throttle	X	X
Prop Control	X	-
Mixture Control	X	-
Landing Gear with "up & down" Lights (effect attitude & airspeed)	X	X
Multi-position FLAPS (effect Airspeed)	X	X
ILS Indicator (LOC & GS)	X	X
Marker Beacon, Receiver	X	X
VOR w/OBS	X	X
DME Indicator	X	X
NAV Receiver	X	X
COM Transceiver	X	X
Transponder	X	X
X-Y Plotter	X	-
Visual Reference Model	K-Option	-
Enclosure - 141 Flight Schools w/Cockpit Voice Recorder	X	X
<u>MODE/SET UP CONTROLS</u>		
a) Taxi/Fly Control	X	X
b) Hold/Fly Control	X	X
c) Altitude Zoom Control	X	X
Elapsed Time Indicator	X	X
% Power Indicator	-	X
Elevator Trim	X	X
Control Yoke	X	X
Rudder Pedals	X	X